

FIGURE 1A

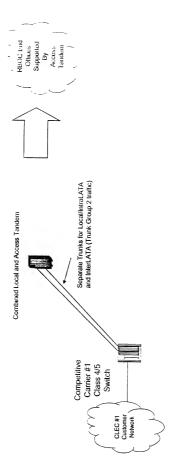
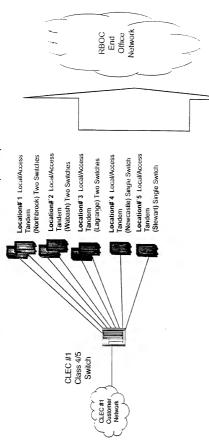


FIGURE 1B

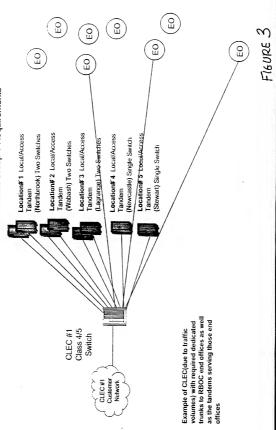
Ameritech LATA 357 Tandem Trunk Group 1 Requirements



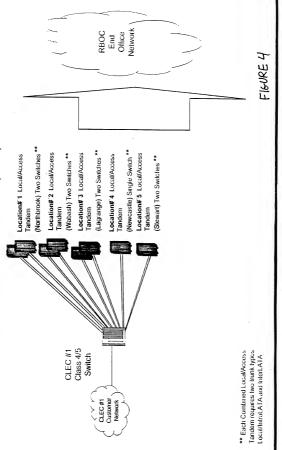
PRIOR ART

FIGURE 2

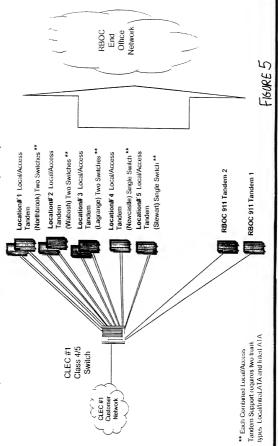
Amentech LATA 357 Tandem Trunk Group 1 Requirements



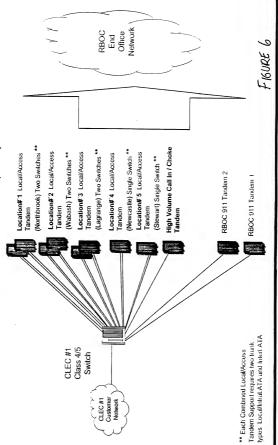
Ameritech LATA 357 Tandem Trunk Group 2 Requirements



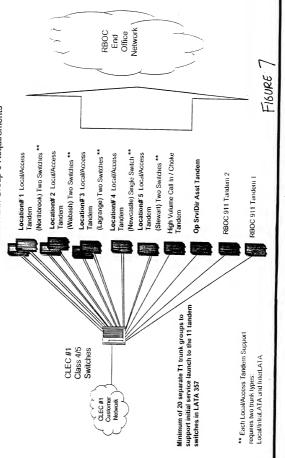
Ameritech LATA 357 Tandem Trunk Group 3 Requirements

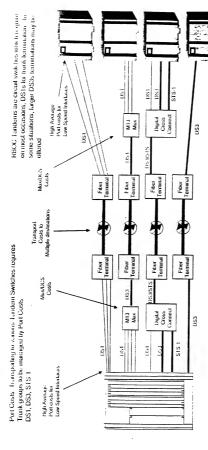


Ameritech LATA 357 Tandem Trunk Group 4 Requirements



Ameritech LATA 357 Tandem Trunk Group 5 Requirements

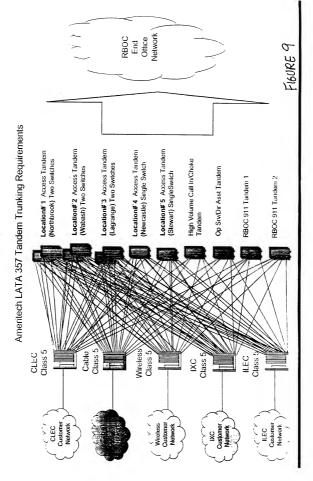




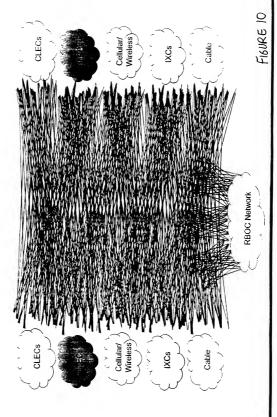
muxes or DCS systems are incressary at the RBOC Tandem CO to allow for managed growth of the Landem switch ports to reduce the DSAs to 11, • Port Costs DSTs are used for both the Carner and the RBOC Tandem when call volume to the Landem does not justify a DS3 and will not grow • DS3s are the primary intertuce used for the Carner when high volume Tandem trailic (Local, InterLATA, InterLATA) is planned. However, M13 Complexity of Plantning requires additional persever, low fill rate of transport, multiple fransport elements, network monitoring provisioning Trunk groups are transported via owned, RBOC leased or third party leased their facilities past a couple of 11s (e.g. E911, OP/DA, Choke)

Cost Elements:

FIGURE 8



PRIOR ART



PRIOR ART

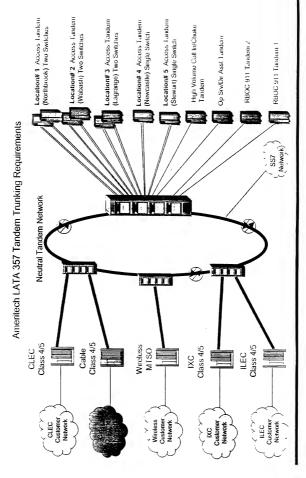
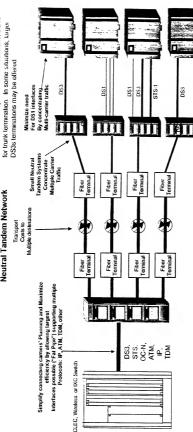


FIGURE 1

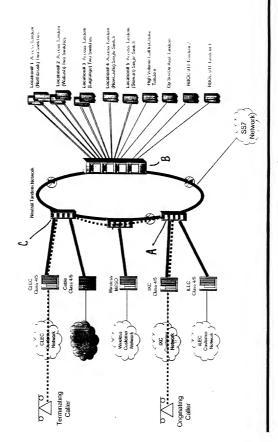


switches which require on most occasions, DS1s

RBOC Tandems and End Offices are circuit



convenient Carrier Hotels, Data Centers and Central Offices to minimize the need for Carners to be burdened by high transport costs. Photocols allow for the evolution of the Class 5 switch to the softswitch architecture of the future without the need to incorporate high cost TDM interfaces. NTN • NTN reduces connecting carriers' tandem transport to a single "Fat Pipe" to the Neutral Tandem Network. Neutral tandem will be located in routes and terminates traffic at outher the serving RBOC tandem or at the RBOC end offices depending on traffic type and etticiency Cost Elements:



FIRURE 13

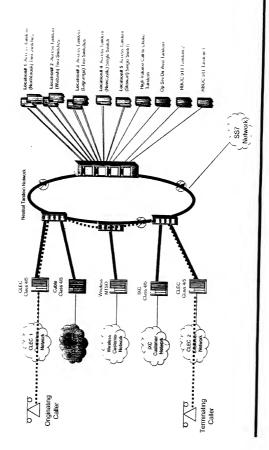


FIGURE 14

Ameritech LATA 357 Tandem Trunking Requirements

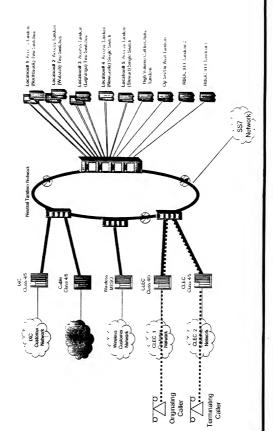
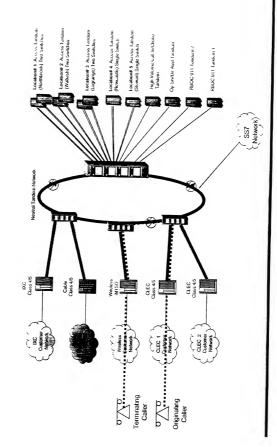


FIGURE 15

MINESTER MANAGEMENT



Ameritech LATA 357 Tandem Trunking Requirements

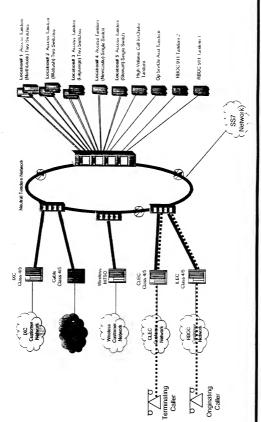


FIGURE 17

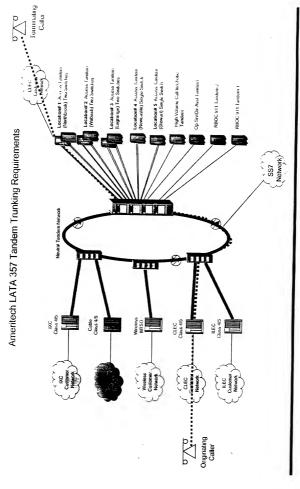
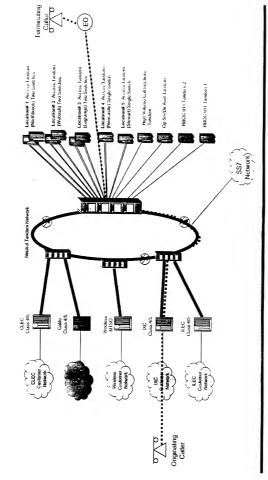
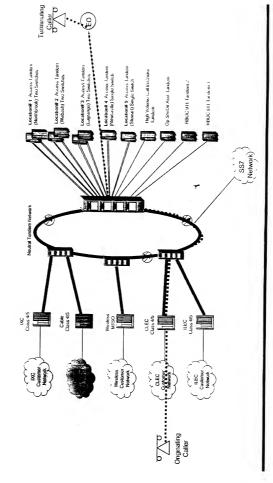


FIGURE 18

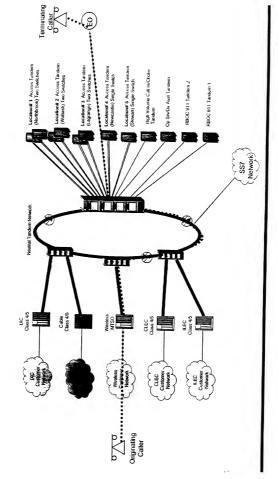


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Ameritech LATA 357 Tandem Trunking Requirements



Ameritech LATA 357 Tandem Trunking Requirements



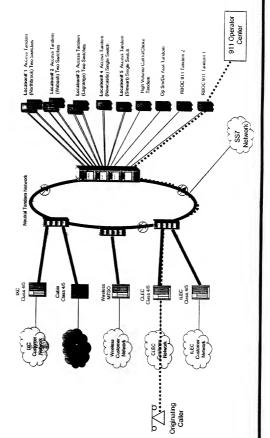
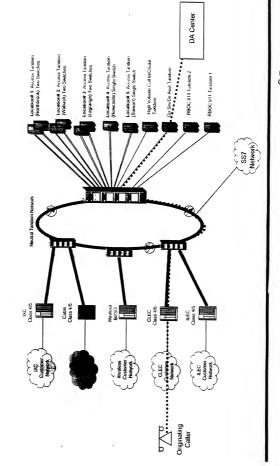


FIGURE 22

Ameritech LATA 357 Tandem Trunking Requirements



FIBURE 23